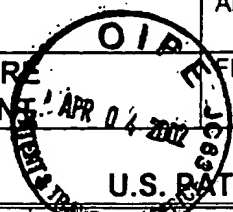


FORM PTO 1449 US Department of Commerce Patent and Trademark Office	ATTY DOCKET NO.: <b>OBJ1110-8</b>	SERIAL NO.: <b>09/896,137</b>
	APPLICANT(S): <b>Stephen R. Kennon</b>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE: <b>June 29, 2001</b>	GROUP ART UNIT: <b>2121</b>



### U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
<i>K/R</i>	A1	5,710,726	01/20/98	Rowney et al.	364	578	10/10/95
	A2						
	A3						
	A4						
	A5						
	A6						
	A7						
	A8						

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### FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
<i>K/R</i>	B1	WO 99/40532	8/12/99	PCT	G06T	17/50	Yes
<i>K/R</i>	B2	2,775,094	8/20/99	French	G06 F	17/10	No

### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

<i>K/R</i>	C1	Farkas, Linearization Techniques of Reservoir Simulation Equations: Fully Implicit Cases, Proceedings of the 1997 SPE Rervoir Simulation Symposium, Dallas, Texas June 8-11, 1997, pgs. 87-95.
<i>K/R</i>	C2	Farkas, Linearization Techniques of Reservoir Simulation Equations: Fully Implicit Cases, Richardson, Texas December 1998, vol. 3, no. 4, pgs. 316-323.
<i>K/R</i>	C3	International Search Report dated March 11, 2002

EXAMINER <i>K/R</i>	DATE CONSIDERED <b>4/8/05</b>
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 6

### Complete if Known

Application Number	09/896,137
Filing Date	June 29, 2001
First Named Inventor	Stephen R. Kennon
Art Unit	2123
Examiner Name	Kandasamy Thangavelu
Attorney Docket Number	1048-OBJ1118-US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
KJN	A1	US- 3,029,018	04/10/1962	Floyd, Jr.	
KJN	B1	US- 3,302,710	02/07/1967	Odeh	
KJN	C1	US- 4,821,164	04/11/1989	Swanson	
KJN	D1	US- 5,255,212	10/19/1993	Kondoh et al.	
KJN	E1	US- 5,432,718	07/11/1995	Molvig et al.	
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KJN	G1	US- 5,604,911	02/18/1997	Ushiro	
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KJN	I1	US- 5,675,521	10/07/1997	Holzhauser et al.	
KJN	J1	US- 5,699,271	12/16/1997	Sagawa et al.	
KJN	K1	US- 5,710,726	01/20/1998	Rowney et al.	
KJN	L1	US- 5,740,342	04/14/1998	Kocberber	
KJN	M1	US- 5,754,181	05/19/1998	Amdursky et al.	
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KJN	O1	US- 5,966,524	10/12/1999	Bumett et al.	
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KJN	Q1	US- 6,018,497	01/25/2000	Gunasekera	
KJN	R1	US- 6,028,607	02/22/2000	Chan	
KJN	S1	US- 6,041,017	03/21/2000	Goldsberry	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T*
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)	MM-DD-YYYY			
KJN	T1	EP 0 709 789 A2	05/01/1996			
KJN	U1	EP 0 801 364 B1	07/30/2003		English Abstract	
KJN	V1	FR 2,775,094	08/20/1999		English Abstract	
KJN	W1	GB 2,326,747 A	12/30/1998			
KJN	X1	WO 99/40532	08/12/1999			
KJN	Y1	WO 99/52048	10/14/1999			

Examiner Signature		Date Considered	4/8/05
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Substitute for form 1448/PTO		<b>Complete if Known</b>			
		Application Number	09/896,137		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Filing Date	June 29, 2001		
		First Named Inventor	Stéphan R. Kennon		
		Art Unit	2123		
		Examiner Name	Kandasamy Thangavelu		
		Attorney Docket Number	1048-OBJ1118-US		
Sheet	2	of	6		

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
KJW	A2	US- 6,052,520	04/18/2000	Watts, III	
KJW	B2	US- 6,054,992	04/25/2000	Gibson	
KJW	C2	US- 6,064,810	05/16/2000	Raad et al.	
KJW	D2	US- 6,070,125	05/30/2000	Murphy et al.	
KJW	E2	US- 6,078,869	06/20/2000	Gunasekera	
KJW	F2	US- 6,106,561	08/22/2000	Farmer	
KJW	G2	US- 6,191,796 B1	02/20/2001	Tarr	
KJW	H2	US- 6,313,837 B1	11/06/2001	Assa et al.	
KJW	J2	US- 6,445,390 B1	09/03/2002	Aftosmis et al.	
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KJW	N2	US- 6,608,628 B1	08/19/2003	Ross et al.	
KJW	O2	US- 6,674,432 B2	01/06/2004	Kennon et al.	
KJW	P2	US- 5,553,009	09/03/1996	Meshkat et al.	
KJW	Q2	US- 5,999,187	12/07/1999	Dehmloew et al.	
KJW	R2	US- 6,816,820 B1	11/09/2004	Friedl et al.	
—	S2	US- 2002/0032494 A1	03/14/2002	Kennon et al.	

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>3</sup>
		Country Code <sup>4</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
KJW	T2	WO 99/57418	11/11/1999			
—	U2	WO 02/01261 A2	01/03/2002			
—	V2	WO 02/02901 A2	01/10/2002			
—	W2	WO 02/03101 A2	01/10/2002			
—	X2	WO 02/03103 A2	01/10/2002			
—	Y2	WO 02/03262 A2	01/10/2002			

Examiner Signature	<i>K. Thangavelu</i>	Date Considered	4/8/05
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

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Sheet 3 of 6

Application Number	09/896,137
Filing Date	June 29, 2001
First Named Inventor	Stephen R. Kennon
Art Unit	2123
Examiner Name	Kandasamy Thangavelu
Attorney Docket Number	1048-OBJ1118-US

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
✓	A3	US-2002/0032550 A1	03/14/2002	Ward et al.	
✓	B3	US-2002/0035463 A1	03/21/2002	Pond, Jr. et al.	
✓	G3	US-2002/0046014 A1	04/18/2002	Kennon	
✓	D3	US-2002/0067373 A1	06/06/2002	Rob et al.	
✓	E3	US-2002/0072883 A1	06/13/2002	Lim et al.	
✓	F3	US-2002/0082813 A1	06/27/2002	Lim et al.	
	G3	US-			
	H3	US-			
	I3	US-			
	J3	US-			
	K3	US-			
	L3	US-			
	M3	US-			
	N3	US-			
	O3	US-			
	P3	US-			
	Q3	US-			
	R3	US-			
	S3	US-			

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
	T3	WO 02/03263 A2	01/10/2002			
	U3	WO 02/03264 A2	01/10/2002			
	V3	WO 02/03265 A2	01/10/2002			
	W3					
	X3					
	Y3					

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Complete if Known	
(Use as many sheets as necessary)		Application Number	09/896,137
		Filing Date	June 29, 2001
		First Named Inventor	Stephen R. Kennon
		Art Unit	2123
		Examiner Name	Kandasamy Thangavelu
		Attorney Docket Number	1048-OBJ1118-US
Sheet	4	of	6

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.†	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
KSN	A4	P.A. Forsyth, et al., "Local Mesh Refinement and Modeling of Faults and Pinchouts", SPE FORM EVALUATION, June 1986, Vol. 1, No. 3, pages 275-285. XP-002191830	
KSN	B4	Y. Ding, et al., "Development of Dynamic Local Grid Refinement in Reservoir Simulation", Proceedings of the 13th SPE Symposium on Reservoir Simulation, New Orleans, LA, February-March 1993, pages 501-510. XP-002191831	
KSN	C4	S. Verna, et al., "A Control Volume Scheme for Flexible Fracs in Reservoir Simulation", Proceedings of the 1997 SPE Reservoir Simulation Symposium, Dallas, TX, June 1997, pages 215-227. XP-002191832	
KSN	D4	S. Kocerber, et al., "An Automatic, Unstructured Control Volume Generation System for Geologically Complex Reservoirs", Proceedings of the 1997 SPE Reservoir Simulation Symposium, Dallas, TX, June 1997, pages 241-252. XP-002191833	
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KSN	F4	R. Page, et al., "A Functional Program Describing a Simple Reservoir Model and Its Potential for Parallel Computation", Proceedings of the 1990 Symposium on Applied Computing, IEEE, April 1990, pages 85-91.	
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KSN	H4	S. Ghosh, "Curvilinear Local Grid Refinement", SPE 50633, SPE European Petroleum Conference, The Netherlands, 20-22 October, 1998.	
KSN	I4	H. N. Sharpe, et al., "A New Adaptive Orthogonal Grid Generation Procedure for Reservoir Simulation" 65th Annual Technical Conference and Exhibition of the Society of Petroleum Engineers, New Orleans, LA, September 23-26, 1990.	
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Examiner Signature		Date Considered	4/8/05
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		Filing Date	June 29, 2001		
		First Named Inventor	Stephen R. Kennon		
		Art Unit	2123		
		Examiner Name	Kandasamy Thangavelu		
Sheet	5	of	6	Attorney Docket Number	1048-OBJ1118-US

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KWR	A5	D. Kahaner, et al., "An Expreimental Algorithm for N-Dimensional Adaptive Quadrature", ACM Transactions on Mathematical Software (TOMS), March 1979, pages 86-96.	
KWR	B5	Y. Ozdogan, "Seismic Data Processing", Society of Exploration Geophysics, Tulsa, OK, 1991, pg. 514-515.	
KWR	C5	S. Norris, et al., "Modeling Fluid Flow Around Horizontal Wellbores", Proceedings: SPE Annual Technical Conference and Exhibition 1990 Part 4, New Orleans, LA September 23-26, 1990, Vol. SIGMA, pp. 65-75.	
KWR	D5	P. Perrochet, "Finite Hyperlements: A 4D Geometrical Framework Using Coariant Baes and Metric Tensors" COMMUNICATIONS IN NUMERICAL METHODS IN ENGINEERING, June 1995, UK, vol. 11, no. 6, pgs 525-534	
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KWR	F5	C. Buckalew, et al., "Oilfield Visulization on the PC Platform", 2000 SPE/AAPG Western Regional Meeting, June 19-23, 2000, pgs 1-5.	
KWR	G5	E. Farkas, "Linearization Techniques of Reservoir Simulation Equations: Fully Implicit Cases, Proceedigns of the 1997 SPE Reservoir Simulation Symposium, Dallas, Texas June 8-11, 1997, pgs 87-95.	
KWR	H5	E. Farkas, "Linearization Techniques of Reservoir Simulation Equations: Fully Implicit Cases, Richardson, Texas, December 1998, Vol. 3, no. 4, pgs. 316-323.	
KWR	I5	P. Benedeck, "Capacitances of Planar Multiconductor Configuration on a Dielectric Substrate by a Mixed Order Finite-Element Method, IEEE1974.	
KWR	J5	Fu, et al., "Time Integration Procedures for a Cyclic Thermoviscoplasticity Model for Pb-Sn solder applications, IEEE 1996.	

Examiner Signature		Date Considered	4/8/05
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Application Number	09/896,137
Filing Date	June 29, 2001
First Named Inventor	Stephen R. Kennon
Art Unit	2123
Examiner Name	Kandasamy Thangavelu
Attorney Docket Number	1048-OBJ1118-US

Sheet	6	of	6
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### NON PATENT LITERATURE DOCUMENTS

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KW	A6	P. J. Zwart, et al., "Space-Time Meshing for Two-Dimensional Moving Boundary Problems", Proceedings of the Seventh International Meshing Roundtable, pgs 187-199, 1998.	
KW	B6	S. L. Ho, et al., "Generation and Rotation of 3-D Finite Element Mesh for Skewed Rotor Induction Motors Using Extrusion Technique", IEEE Transactions on Magnetics, pgs 1266-1269, May 1999.	
	C6		
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